**HW 39.5 Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Per\_\_\_\_**

|  |  |  |
| --- | --- | --- |
| 1) What is the simplest form of the radical ? | 2) What is the simplest form of the radical ? | 3) What is the simplest form of the radical ? |
| 4) 8*i* (6 - 2*i*) | 5) -8*i* – 4(*i* + 3 *i*²) | 6) (4 -2*i*) (3+ 5*i*) |
| 7) (9 – i) + (-6 + 7i) | 8) (3 + 7i) – (8 – 2i) | 9) -4 – (1 + i) – (5 + 9i) |
| 10) | 11) | 12) |

**Mixed Review**

|  |  |  |  |
| --- | --- | --- | --- |
| 1) | 2) | | 3) |
| 4) | 5) | | 6) |
| 7) | | 8) | |
| 9) | | 10) | |
| 11) | | 12) | |
| 13) | | 14) | |
| 15) | | 16) | |